

Schematic views of 58 selected genes.

Boxes, exons; purple lines, introns; black boxes, coding regions; white boxes, untranslated regions; blue, red, green, purple or pink bars, amplified regions of real-time PCR; and numbers given in parentheses, genomic alignment positions.

N1. DCLK1

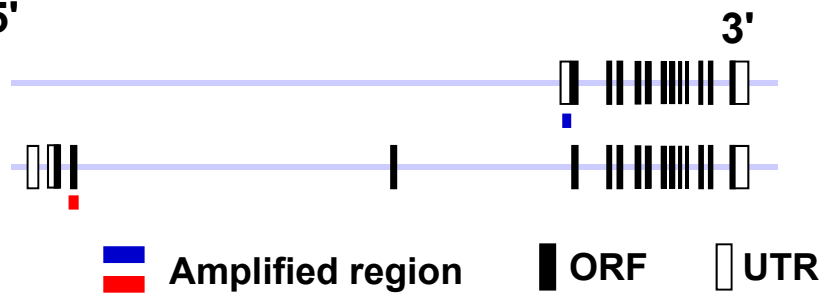
Chr 13 5'

FLJ50539

(35327804 → 35245909)

NM_004734.2

(35603443 → 35243478)



N2. ETV1

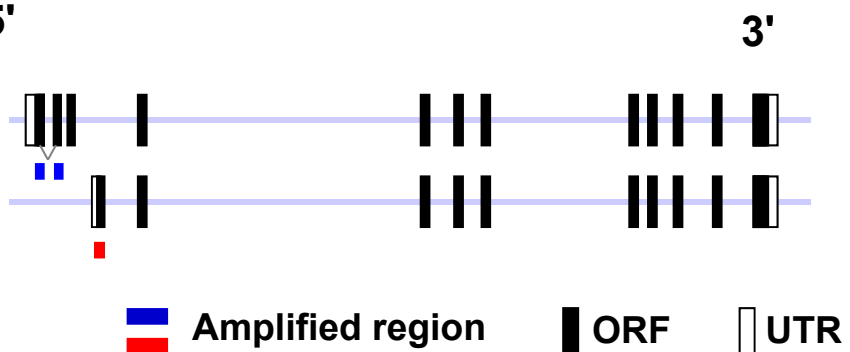
Chr 7 5'

NM_004956.3

(13995289 → 13897379)

FLJ50494

(13992562 → 13901794)



N3. ETV4

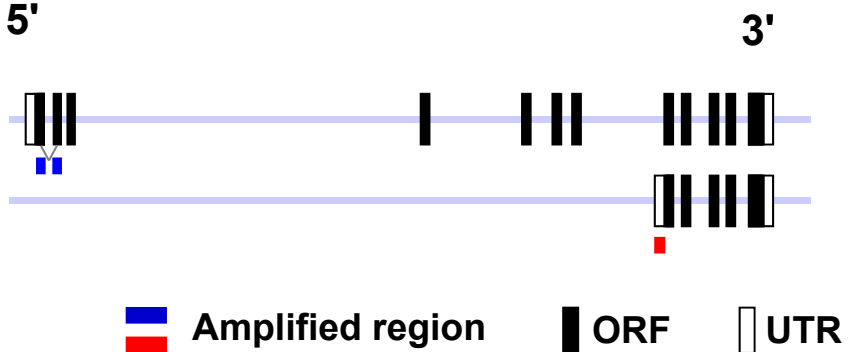
Chr 17 5'

NM_001986.1

(38978565 → 38960740)

BC007242.1

(38963328 → 38961393)



N4. ETV5

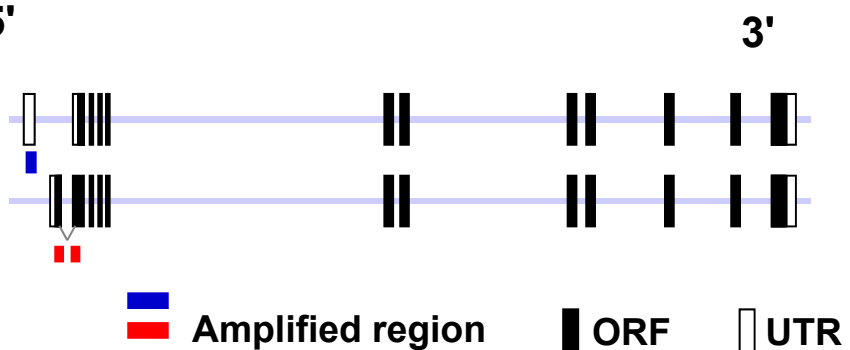
Chr 3 5'

NM_004454.1

(187309571 → 187246804)

FLJ56169

(187309027 → 187248958)

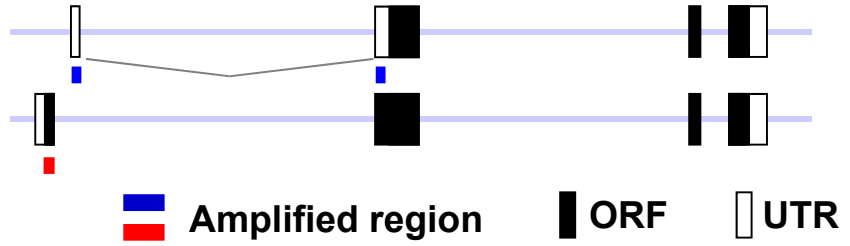


N5. GPRC5B

Chr 16 5'

3'

NM_016235.1
(19803652 → 19777794)
FLJ55176
(19804333 → 19779231)

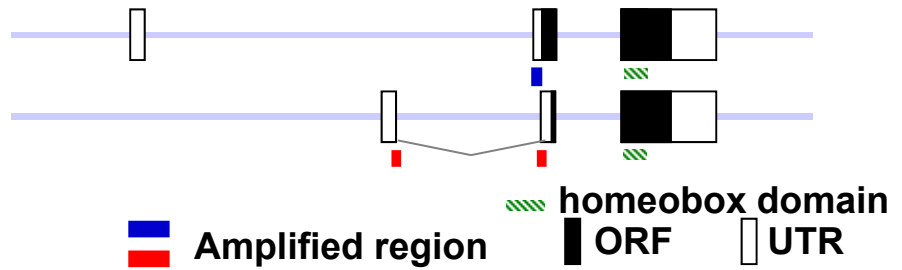


N6. HOXA3

Chr 7 5'

3'

NM_030661.3
(27125739 → 27112334)
NM_153632.1
(27120141 → 27112334)

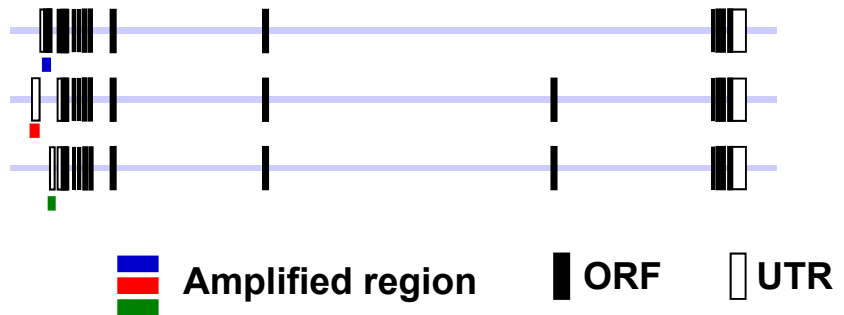


N7. MEIS2

Chr 15 5'

3'

NM_020149.2
(35179996 → 34970524)
NM_002399.2
(35180792 → 34970524)
NM_172316.1
(35178889 → 34970524)

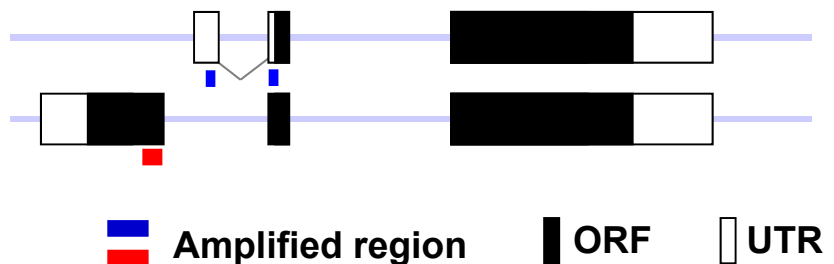


N8. NEFM

Chr 8 5'

3'

FLJ58361
(24828402 → 24832066)
NM_005382.1
(24827212 → 24832511)



N9. PAX6

Chr 11 5'

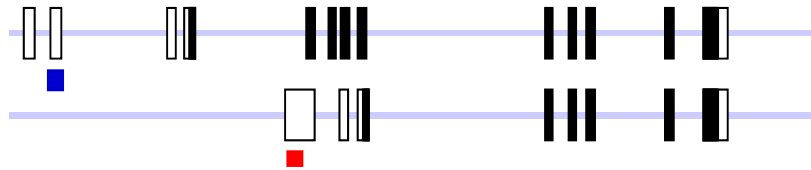
3'

NM_000280.2

(31789434 → 31767034)

FLJ36930

(31782170 → 31768060)



Amplified region ORF UTR

N10. PDZRN3

Chr 3 5'

3'

FLJ55043

(73565691 → 73514977)

FLJ54746

(73606473 → 73514969)

FLJ54738

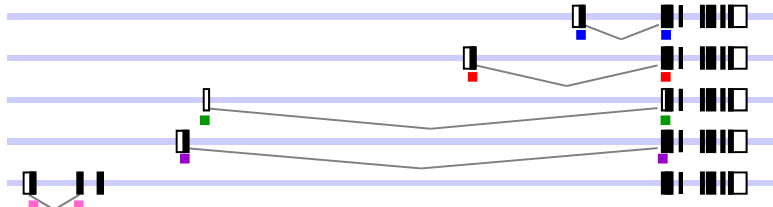
(73693459 → 73514920)

FLJ97766

(73701302 → 73516024)

NM_015009.1

(73756762 → 73514342)



Amplified region ORF UTR

N11. POU5F1

Chr 6 5'

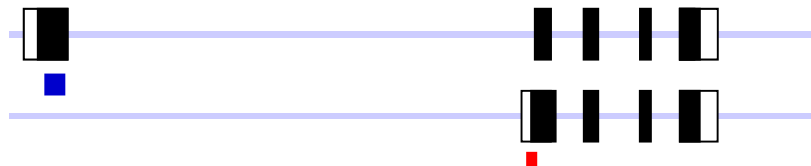
3'

NM_002701.3

(31246432 → 31240107)

NM_203289.3

(31242024 → 31240107)



Amplified region ORF UTR

N12. RARB

Chr 3 5'

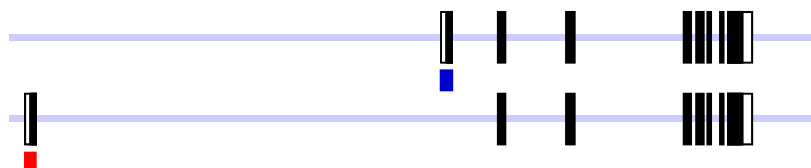
3'

NM_000965.2

(25444758 → 25614424)

FLJ56241

(25190827 → 25613296)



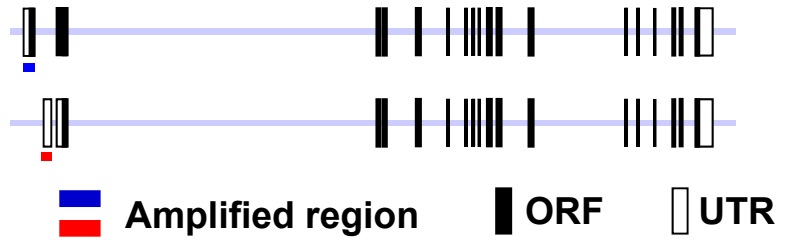
Amplified region ORF UTR

N13. SEMA3C

Chr 7 5'

3'

FLJ55486
(80389611 → 80212120)
NM_006379.2
(80386603 → 80209790)

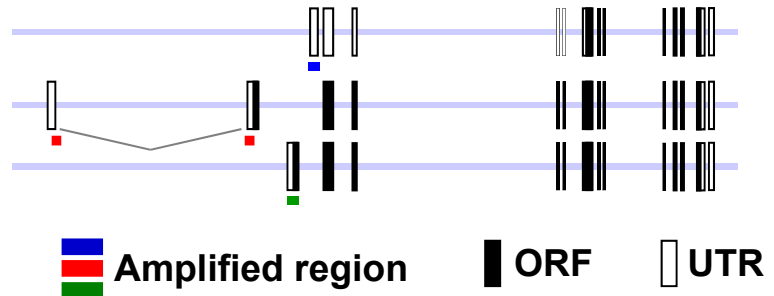


N14. SKAP2

Chr 7 5'

3'

FLJ50630
(26863764 → 26675573)
FLJ51950
(27001383 → 26675683)
NM_003930.3
(26870866 → 26673212)

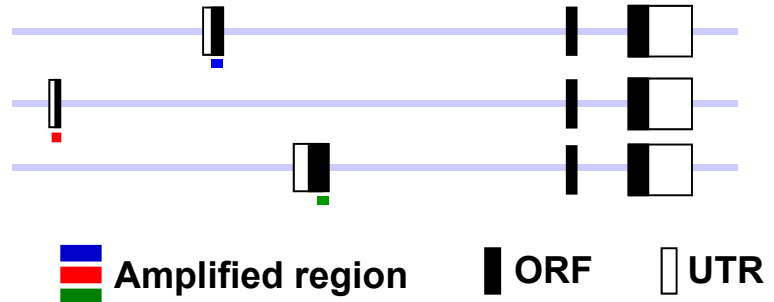


N15. TGIF1

Chr 18 5'

3'

NM_003244.2
(3440172 → 3448409)
NM_173207.1
(3437608 → 3448409)
NM_170695.2
(3441591 → 3448409)

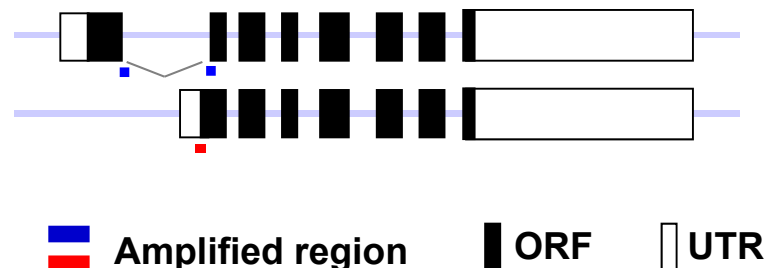


N16. TXNIP

Chr 1 5'

3'

NM_006472.1
(144149939 → 144153866)
FLJ59613
(144150704 → 144152587)

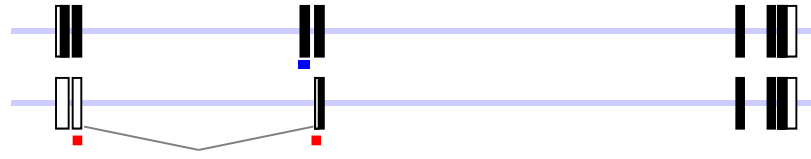


E1. ASRGL1

Chr 11 5'

3'

NM_025080.2
(61861541 → 61916638)
BC064963.1
(61861517 → 61916631)



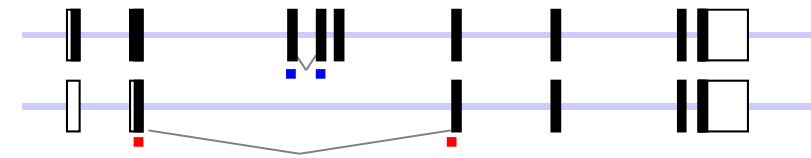
Amplified region **ORF** **UTR**

E2. CYP2S1

Chr 19 5'

3'

NM_030622.6
(46390955 → 46405284)
FLJ52866
(46390984 → 46404662)



Amplified region **ORF** **UTR**

E3. CYP26B1

Chr 2 5'

3'

NM_019885.2
(72228471 → 72209875)
FLJ51622
(72228471 → 72212832)



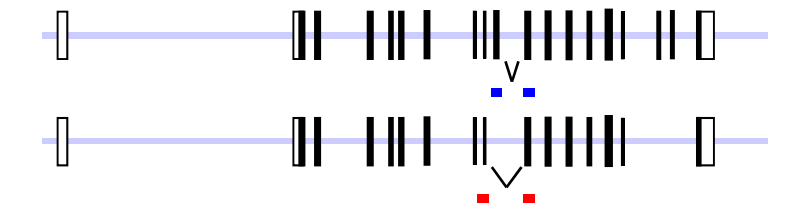
Amplified region **ORF** **UTR**

E4. DNMT3B

Chr 20 5'

3'

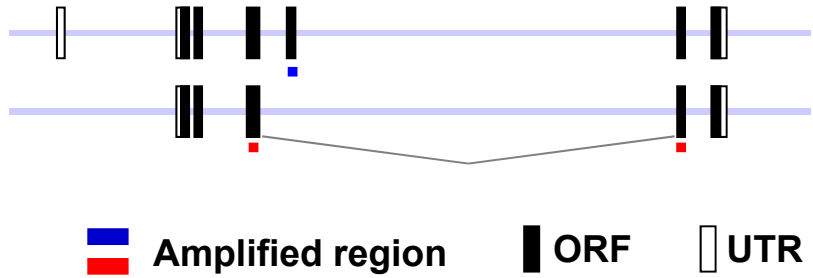
NM_006892.3
(30813852 → 30860823)
NM_175849.1
(30813852 → 30860823)



Amplified region **ORF** **UTR**

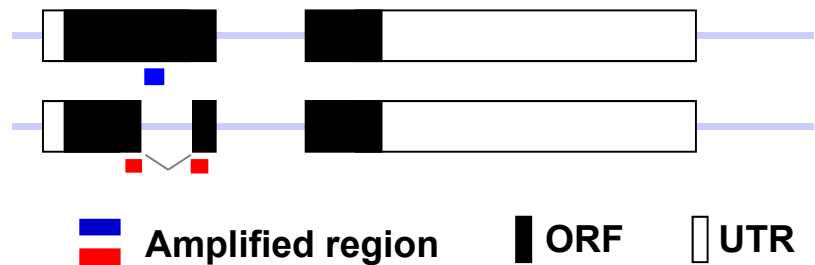
E5. GSTO2 Chr 10 5' 3'

NM_183239.1
(106018621 → 106049166)
FLJ52232
(106024653 → 106049352)



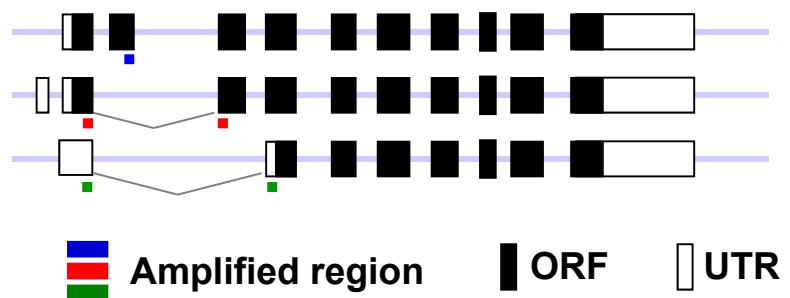
E6. HOXA1 Chr 7 5' 3'

NM_005522.3
(27102119 → 27099137)
NM_153620.1
(27102119 → 27099137)



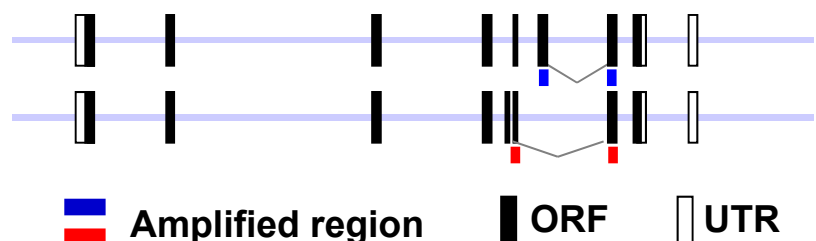
E7. ISYNA1 Chr 19 5' 3'

NM_016368.3
(18409943 → 18406625)
FLJ34860
(18409977 → 18406620)
FLJ36142
(18409921 → 18406242)



E8. NMU Chr 4 5' 3'

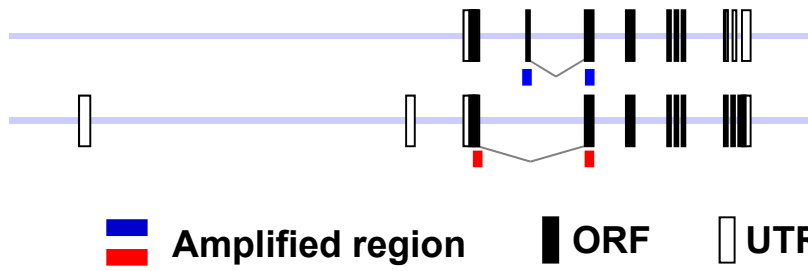
NM_006681.1
(56197222 → 56156155)
ENST00000381315
(56197222 → 56156171)



E9. PKNOX2

Chr 11 5' 3'

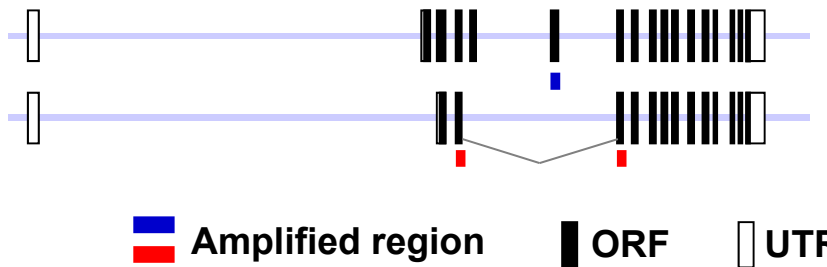
NM_022062.1
 (124726420 → 124808264)
FLJ58605
 (124610148 → 124806866)



E10. RFX2

Chr 19 5' 3'

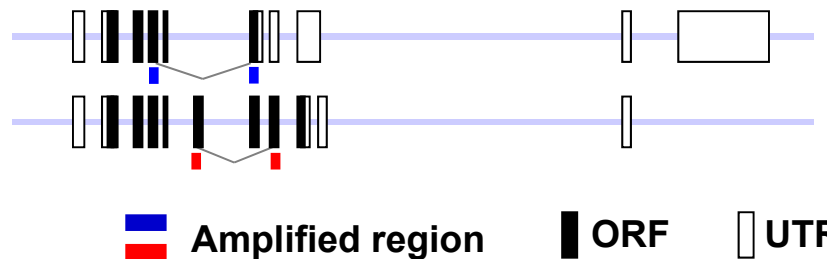
NM_000635.2
 (6061554 → 5944175)
FLJ53376
 (6061575 → 5945625)



E11. RNF207

Chr 1 5' 3'

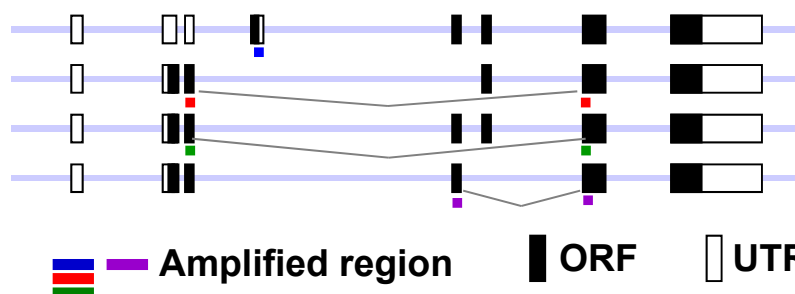
NM_173795.2
 (6191507 → 6203446)
FLJ54599
 (6191557 → 6200994)



E12. SPP1

Chr 4 5' 3'

FLJ54682
 (89115891 → 89123502)
FLJ52507
 (89115890 → 89123302)
FLJ78337
 (89115894 → 89123074)
NM_000582.2
 (89115826 → 89123587)



C1. ATG9B

Chr 7 5'

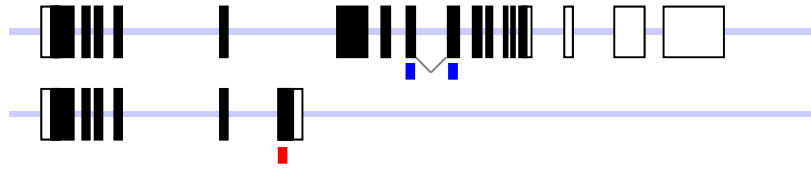
3'

NM_173681.3

(150352519 → 150340233)

FLJ39415

(150352519 → 150347857)



Amplified region ORF UTR

C2. CDH6

Chr 5 5'

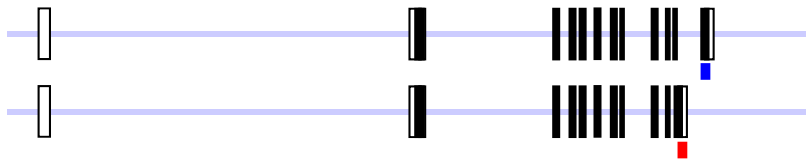
3'

NM_004932.2

(31229553 → 31360994)

BC000019.2

(31229614 → 31354192)



Amplified region ORF UTR

C3. CKMT1B

Chr 15 5'

3'

NM_020990.3

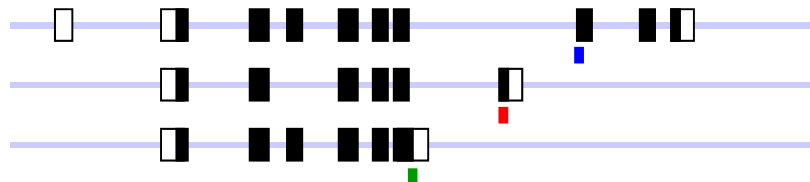
(41672544 → 41678896)

FLJ52224

(41673657 → 41677051)

FLJ52454

(41673566 → 41676608)



Amplified region ORF UTR

C4. CLIP4

Chr 2 5'

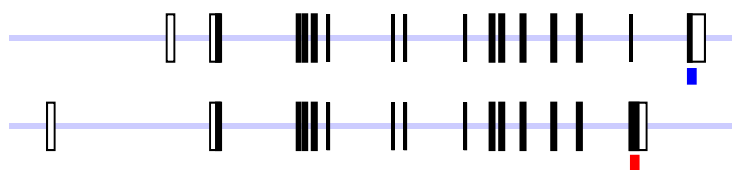
3'

NM_024692.3

(29191822 → 29260178)

FLJ55798

(29174097 → 29250948)



Amplified region ORF UTR

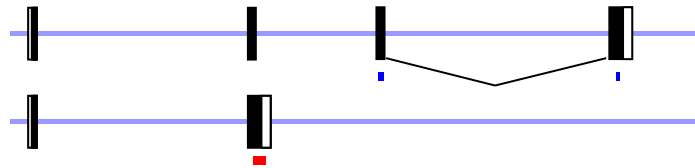
C5. CTHRC1

Chr 8 5' 3'

NM_138455.2
(104452962 → 104464393)

FLJ57590

(104452954 → 104457840)



Amplified region ORF UTR

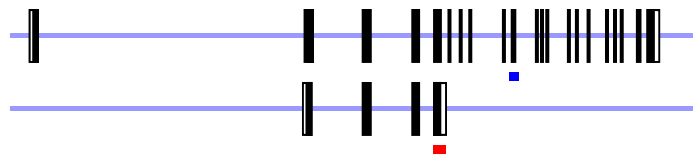
C6. DENND5B

Chr 12 5' 3'

NM_144973.2
(31431987 → 31634907)

BC020855.1

(31496677 → 31540011)



Amplified region ORF UTR

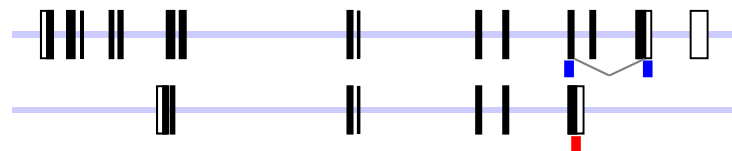
C7. DMKN

Chr 19 5' 3'

NM_033317.2
(40696394 → 40679962)

FLJ57785

(40693212 → 40682827)



Amplified region ORF UTR

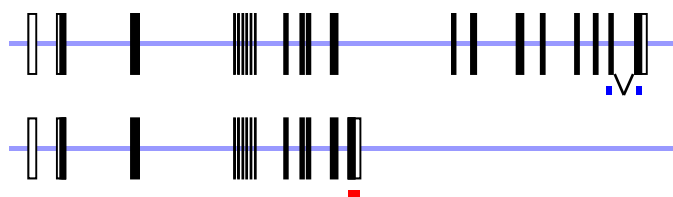
C8. EPB41L5

Chr 2 5' 3'

NM_020909.2
(120487139 → 120653165)

BC032822.2

(120487255 → 120579161)



Amplified region ORF UTR

C9. EVL

Chr 14 5'

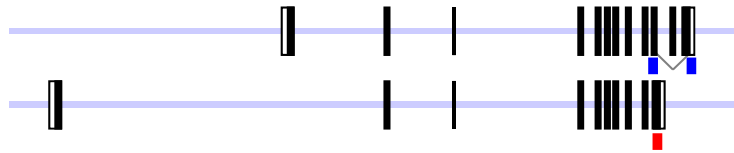
3'

NM_016337.2

(99601504 → 99680326)

FLJ58489

(99555472 → 99674074)



Amplified region **ORF** **UTR**

C10. FEZ1

Chr 11 5'

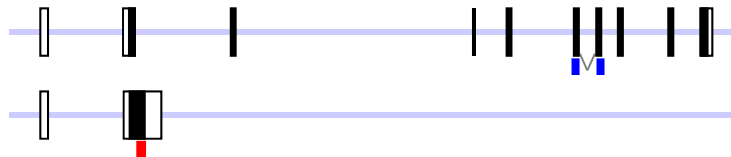
3'

NM_005103.3

(124871333 → 124820858)

NM_022549.2

(124871333 → 124863306)



Amplified region **ORF** **UTR**

C11. FNDC5

Chr 1 5'

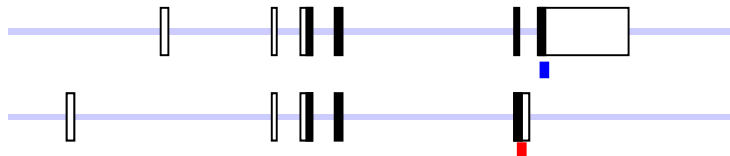
3'

NM_153756.1

(33108934 → 33100464)

BC062297.1

(33110669 → 33102630)



Amplified region **ORF** **UTR**

C12. FST

Chr 5 5'

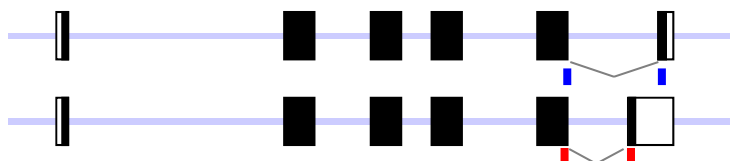
3'

NM_013409.1

(52812352 → 52817680)

NM_006350.2

(52812352 → 52817680)



Amplified region **ORF** **UTR**

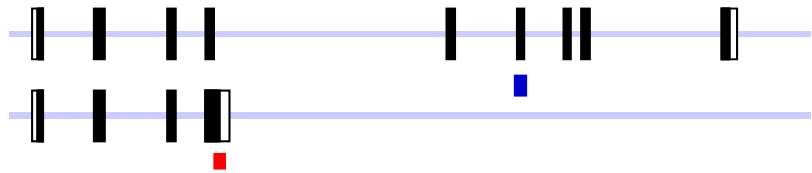
C13. HNF1B

Chr 17 5'

3'

NM_000458.1
(33179182 → 33120547)

NM_006481.1
(33179182 → 33162715)



Amplified region ORF UTR

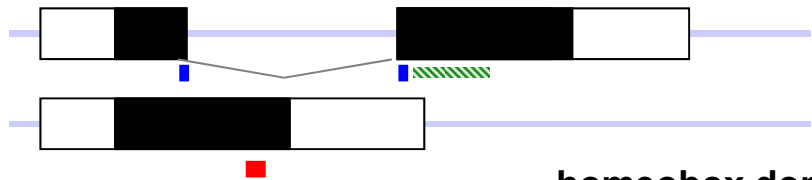
C14. HOXA2

Chr 7 5'

3'

NM_006735.3
(27108919 → 27106498)

FLJ39423
(27108830 → 27106838)



Amplified region ORF UTR homeobox domain

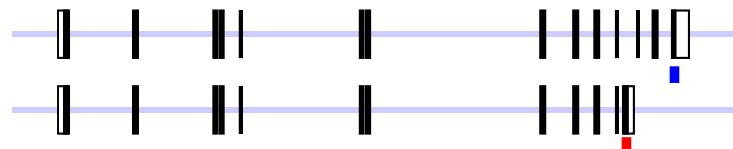
C15. ITIH5

Chr 10 5'

3'

NM_030569.3
(7748940 → 7641641)

NM_001001851.1
(7748940 → 7653374)



Amplified region ORF UTR

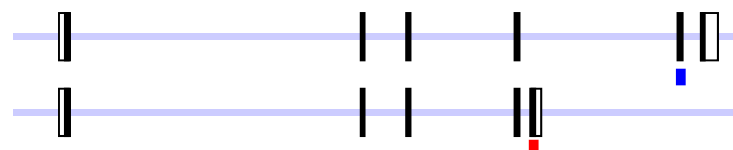
C16. LMCD1

Chr 3 5'

3'

NM_014583.2
(8518511 → 8584806)

FLJ55005
(8518509 → 8566795)



Amplified region ORF UTR

C17. MAPKAPK2

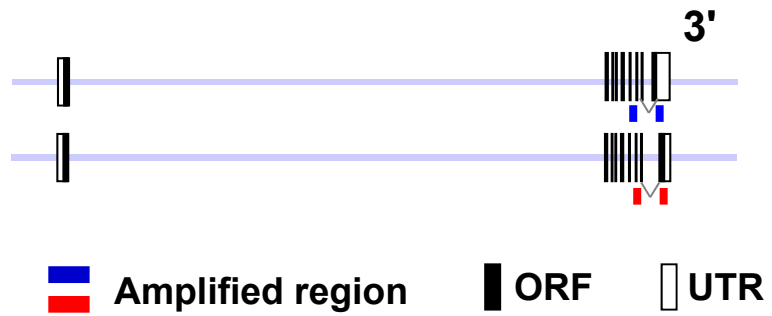
Chr 1 5'

NM_004759.3

(204924912 → 204974249)

NM_032960.2

(204924912 → 204974249)



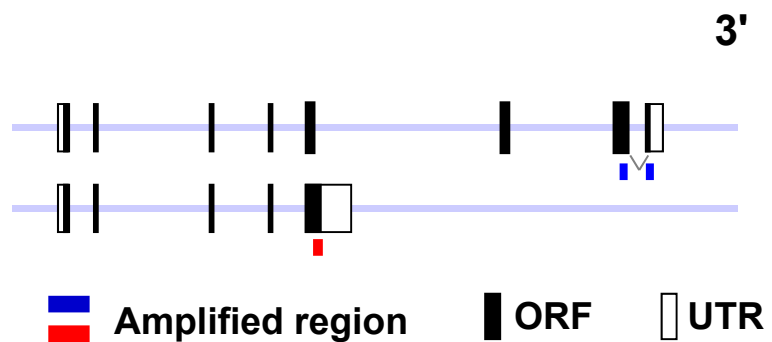
Chr 1 5'

NM_031280.2

(36702556 → 36693960)

FLJ56752

(36702570 → 36698314)



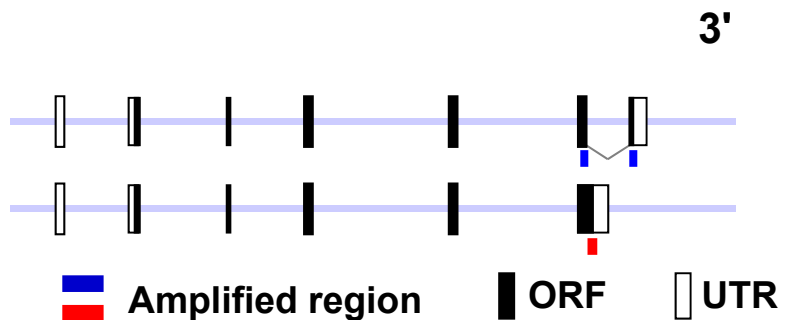
Chr 11 5'

NM_152852.1

(59707250 → 59695656)

NM_022349.2

(59707250 → 59696546)



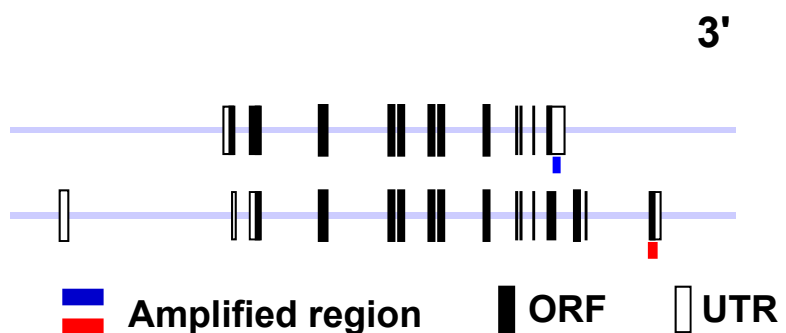
Chr 2 5'

NM_020744.2

(42651079 → 42789857)

FLJ45312

(42575213 → 42837590)



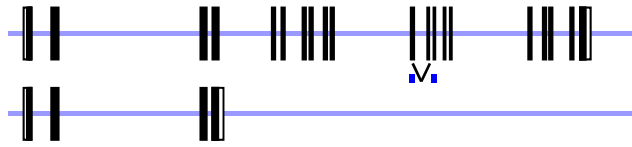
C21. NPHP1

Chr 2 5'

3'

NM_000272.2
(110238929 → 110319766)

NM_207181.1
(110293413 → 110319766)



Amplified region ORF UTR

C22. NRP2

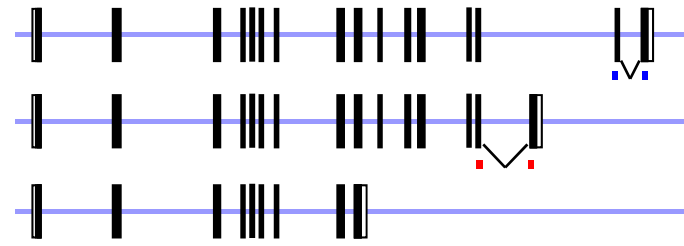
Chr 2 5'

3'

NM_003872.2
(206255469 → 206371102)

NM_018534.3
(206255469 → 206350125)

NM_201264.1
(206255469 → 206316667)



Amplified region ORF UTR

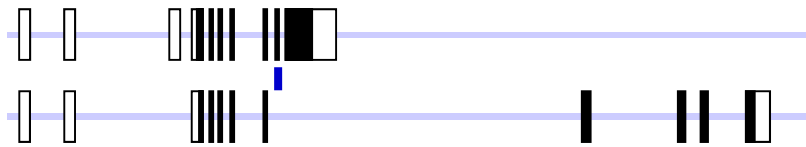
C23. PEG3

Chr 19 5'

3'

NM_006210.1
(62043876 → 62015615)

NM_015363.3
(62043887 → 61977732)



Amplified region ORF UTR

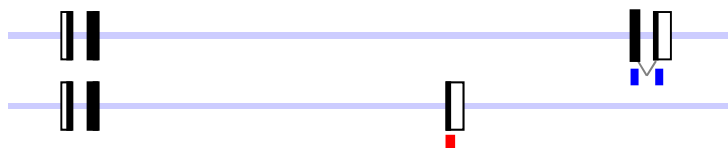
C24. RBP1

Chr 3 5'

3'

NM_002899.2
(140741180 → 140718970)

FLJ50903
(140741251 → 140726496)



Amplified region ORF UTR

C25. SLC44A5

Chr 1 5'

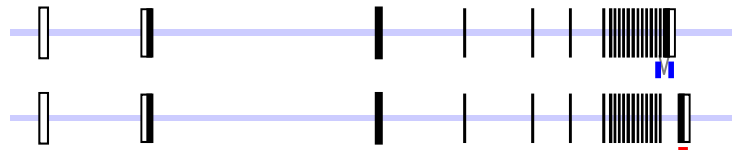
3'

NM_152697.2

(75849357 → 75444868)

FLJ35851

(75849389 → 75441886)



Amplified region ORF UTR

C26. ST3GAL5

Chr 2 5'

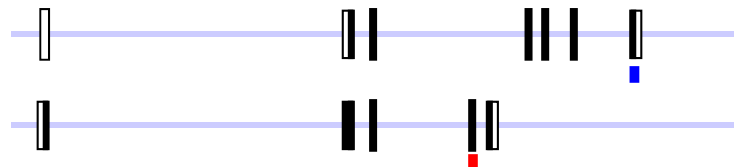
3'

NM_003896.2

(85969648 → 85919782)

FLJ55056

(85969542 → 85931902)



Amplified region ORF UTR

C27. TES

Chr 7 5'

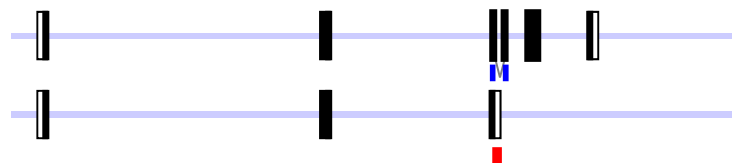
3'

NM_015641.2

(115637817 → 115686073)

FLJ59160

(115637800 → 115676867)



Amplified region ORF UTR

C28. WDR74

Chr 11 5'

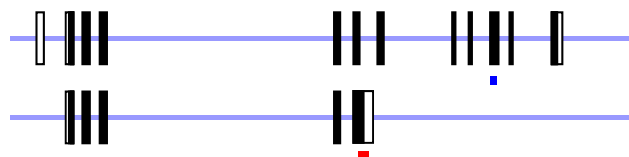
3'

NM_018093.1

(62357179 → 62363555)

FLJ57690

(62359889 → 62363555)



Amplified region ORF UTR

C29. YPEL3

Chr 16 5'

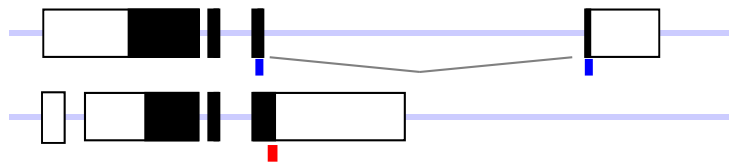
3'

NM_031477.3

(30015022 → 30011136)

FLJ12347

(30015062 → 30012584)



Amplified region **ORF** **UTR**

C30. ZNF483

Chr 9 5'

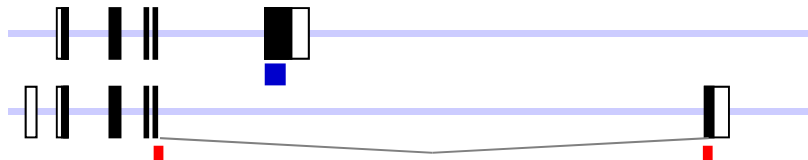
3'

NM_133464.1

(113329366 → 113346533)

FLJ35492

(113327260 → 113379945)



Amplified region **ORF** **UTR**